



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Hagenbuch

Serial No.

Group Art Unit: 2304

Filed: August 4, 1993

Examiner: M. Zanelli

For: APPARATUS AND METHOD  
RESPONSIVE TO THE ON-  
BOARD MEASURING OF  
HAULAGE PARAMETERS OF A  
VEHICLE

## PRELIMINARY AMENDMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments.

## Please add the following new claims 38-65:

31  
38. A system as set forth in claim 1 wherein the third set of data includes an indication of a relative time of the loading of the material sensed by the first means.

19  
39. A system as set forth in claim 1 wherein the body of the vehicle is a dump body that pivots between load and dump positions and the second set of data is an indication of the pivoting of the dump body into a dump position.

20  
40. A system as set forth in claim 1 wherein the second set of data is an indication of a distance traveled by the vehicle during each segment of a haul cycle.